

LAHIVE
&
COCKFIELD
L L P

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLARD
DeANN FORAN SMITH
PETER C. LAURO
JEANNE M. DIGIORGIO
DEBRA J. MILASINCIC, Ph.D.
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER

CYNTHIA L. KANIK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHA NAND
MICHAEL PHILLIPPS *
USA M. DIROCCO
HATHAWAY P. RUSSELL **
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.
PETER A. DIMATTIA
VINCENT P. LOCCISANO
MERIDETH C. ARNOLD

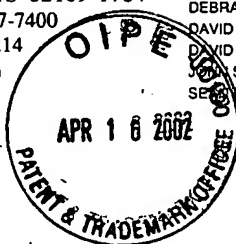
SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.
SIBLEY P. REPPERT

PATENT AGENTS
THEODORE R. WEST
SHAYNE Y. HUFF, Ph.D.
DANIEL B. KO

TECHNICAL SPECIALISTS
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
JENNIFER K. ROSENFELD
ALLAN TAMESHTIT, Ph.D.
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
SHAHID HASAN, Ph.D.
JACOB G. WEINTRAUB
JONATHAN M. SPARKS, Ph.D.
CRISTIN E. HOWLEY, Ph.D.

* Admitted in NY only
** Admitted in TX only



April 9, 2002

Commissioner for Patents
Washington, DC 20231

RECEIVED

APR 30 2002

TECH CENTER 1600/2900

Re: U.S. Patent Application Serial No.: 10/024,955
Title: *A House Dust Mite Allergen, Der F VII, And Uses Therefor*
Inventors: Wayne R. Thomas, et al.
Filed: December 19, 2001
Our Ref. No.: IMI-032CP2DV

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449; and
3. Return Receipt Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

April 9, 2002
Date

Jane E. Remillard, Esquire, Reg. No. 38,872

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Jane E. Remillard, Esquire
Registration No. 38,872
Attorney for Applicants

RECEIVED

APR 30 2002

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Wayne R. Thomas, et al.

Serial No.: 10/024,955

Filed: December 19, 2001

For: *A HOUSE DUST MITE ALLERGEN, DER F VII,
AND USES THEREFOR*

Attorney Docket No.: IMI-032CP2DV

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned



Commissioner for Patents
Washington, DC 20231

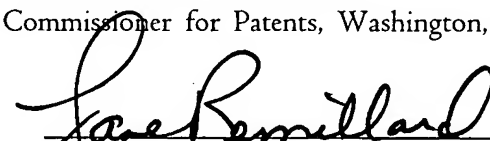
Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date set forth below.

April 9, 2002

Date of Signature and of Mail Deposit

By:


Jane E. Remillard, Esquire
Reg. No.: 38,872
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

For the Examiner's convenience in reviewing this divisional application, Applicants submit a consolidated PTO Form 1449, listing all references cited during the prosecution of the parent application. The present application is a divisional of U.S. Serial No. 08/553,335 filed December 14, 1995 (Atty. Docket No. IMI-032CP2), which is a continuation-in-part application of U.S. Serial No. 08/031,141 filed March 12, 1993 (Atty. Docket No. IMI-032). All references listed on the enclosed PTO Form 1449 have been previously cited by or

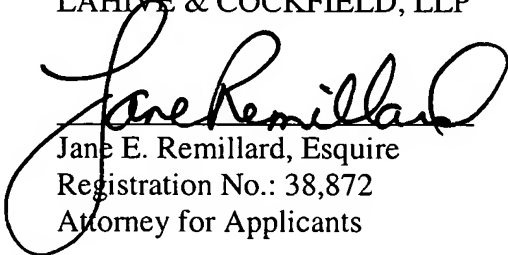
submitted to the Office in the prior application, and, in accordance with 37 CFR §1.98(d), copies of the of the references are not enclosed but will be provided upon request.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Jane E. Remillard, Esquire
Registration No.: 38,872
Attorney for Applicants

28 State Street
Boston, MA 02109
(617) 227-7400

Date: April 9, 2002

APR 30 2002

Sheet 1 of

TECH CENTER 1600/2930

LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)	PATENT & TRADEMARK OFFICE	
	APPlicant	SERIAL NO.
	IM-032CP2DV	10/024,955
	APPLICANT	Wayne R. Thomas et al.
	FILING DATE	GROUP
	December 19, 2001	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAO	AA	4745051	1988	Smith et al.	435	68	
PAO	AB	5077214	1991	Guarino et al.	435	240.2	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
PAO	AC	0 473 111 A2	03/92	Europe			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

PAO	AD	Abe et al. (1987) <i>Allergy</i> 42:352-58.
PAO	AE	Baldo et al. (1989) "Toward a Definition of the 'Complete' Spectrum and Rank Order of Importance of the Allergens from the House Dust Mite: <i>Dermatophagoides Pteronyssinus</i> ", <i>Adv. Bioscience</i> 74:13-31.
PAO.	AF	Bengtsson et al. (1986) "Detection of Allergens in Mould and Mite Preparations by a Nitrocellulose Electrophoresis Technique", <i>Int. Arch. Allergy Appl. Immunol.</i> 80:383-390.
PAO.	AG	Bowie et al. (March 1990) <i>Science</i> 247:1306-1310.
PAO	AH	Chapman et al. (1980) "Purification and Characterization of the Major Allergen from <i>Dermatophagoides Pteronyssinus</i> -Antigen P1", <i>Journal of Immunol.</i> 125(2):587-592.
PAO	AI	Chiba et al. (1990) "Experimental Cedar Pollinosis in Rhesus Monkeys", <i>Int. Arch. Allergy Appl. Immunol.</i> 93:83-88.

Examiner

PATRICIA A. DUFFY

Date Considered

1/9/04

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. IMI-032CP2DV	SERIAL NO. 10/024,955
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Wayne R. Thomas et al.	
		FILING DATE December 19, 1996	GROUP



RECEIVED

APR 30 2002

OTHERS (including Abstract, Title, Date, Pertinent Pages, Etc.)

PAO	BA	Chua et al. (1990) <i>Int. Archs. Allergy Appl. Immunol.</i> <u>91</u> :118-123.
PAO	BB	Chua et al. (1990) "Expression of Dermatophagoides Pteronyssinus Allergen, Der p II, in Escherichia Coli and the Binding Studies with Human IgE", <i>Int. Arch. Allergy Appl. Immunol.</i> <u>91</u> :124-129.
PAO	BC	Ford et al. (1989) "The Spectrum of Low Molecular Weight House Dust Mite (Dermatophagoides Pteronyssinus) Allergens with Emphasis on Der p II", <i>Clinical and Experimental Allergy</i> <u>20</u> (1):27-31.
PAO	BD	Greene et al. (1992) "IgE Binding Structures of the Major House Dust Mite Allergen Der p I", <i>Molecular Immunol.</i> <u>29</u> (2):257-262.
PAO	BE	Greene et al. (1990) "Antigenic Analysis of Group I House Dust Mite Allergens Using Random Fragments of Der p I Expressed by Recombinant DNA Libraries", <i>Int. Arch. Appl. Allergy Immunol.</i> <u>92</u> :30-38.
PAO	BF	King et al. (1976) "Chemical and Biological Properties of Some Atopic Allergens", <i>Advances in Immunol.</i> <u>23</u> :77-105.
PAO	BG	Kohmoto et al. (1991) "Activation of the Kallikrein-Kinin System in Human Plasma by a Scrine Protease from Mites", <i>Journal Clin. Biochem. Nutr.</i> <u>10</u> :15-20.
PAO	BH	Lind, (1985) "Purification And Partial Characterization Of Two Major Allergens From The House Dust Mite Dermatophagoides Pteronyssinus", <i>Journal of Allerg. and Clin. Immunol.</i> <u>76</u> (5):753-761.
PAO	BI	Lind et al. (1983) "Identification of Allergens in Dermatophagoides Pteronyssinus Mite Body Extract by Crossed Radioimmuno-electrophoresis with Two Different Rabbit Antibody Pools", <i>Scand. J. Immunol.</i> <u>17</u> :263-273.

Examiner PATRICIA A. DUFFY	Date Considered 1/9/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

TECH CENTER 1600/2900

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. IMI-032CP2DV	SERIAL NO. 10/024,955
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Wayne R. Thomas et al.	TECH CENTER 1600/2900 APR 30 2002
				FILING DATE December 19, 1996	

OTHERS (including Applicant's Title, Date, Pertinent Pages, Etc.)

PAO	CA	Shen, <u>et al.</u> (1993) "Clinical and Experimental Allergy" 23: 934-940.
PAO	CB	Stewart <u>et al.</u> (1992) "The Group III Allergen From the House Dust Mite Dermatophagoides Pteronyssinus is a Trypsin-Like Enzyme", <i>Immunol.</i> <u>75</u> :29-35.
PAO	CC	Stewart <u>et al.</u> (1988) "Standardization of Rye-Grass Pollen (<i>Lolium Perenne</i>) Extract", <i>Int. Arch. Allergy Appl. Immun.</i> <u>86</u> :9-18.
PAO	CD	Stewart <u>et al.</u> (1980) <i>AJEBAK</i> <u>58</u> (Pt 3):259-274.
PAO	CE	Stewart <u>et al.</u> (1982) <i>Int. Archs. Allergy Appl. Immunol.</i> <u>69</u> :224-230.
PAO	CF	Thomas <u>et al.</u> (1988) "Cloning and Expression of DNA Coding for the Major House Dust Mite Allergen Der p I in <i>Escherichia Coli</i> ", <i>Int. Arch. Allergy Appl. Immun.</i> <u>85</u> :127-129.
PAO	CG	Tovey <u>et al.</u> (1987) "Comparison by Electrophoresis of IgE-Binding Components in Extracts of House Dust Mite Bodies and Spent Mite Culture", <i>Journal of Allergy and Clin. Immunol.</i> <u>79</u> (1):93-102.
PAO	CH	Tovey <u>et al.</u> (1989) "The Cloning of a Mite (<i>Dermatophagoides Pteronyssinus</i>) Recombinant Protein that Shares IgE - Binding Determinants with a 14-15 KD Component of Mite Extracts", <i>Advances in Biosciences</i> <u>74</u> :33-43.
PAO	CI	Van der Zee <u>et al.</u> (1988) "Skin Tests and Histamine Release with P1-Depleted <i>Dermatophagoides Pteronyssinus</i> Body Extracts and Purified P1", <i>Journal of Allergy and Clin. Immunol.</i> <u>81</u> (5):884-896.
PAO	CJ	Yuuki, <u>et al.</u> (1991) "Cloning and Expression of cDNA Coding for the Major House Dust Mite Allergen Derf II in <i>Escherichia Coli</i> ", <i>Agric. Biol. Chem.</i> <u>55</u> (5):1233-1238.
Examiner		Date Considered
PATRICIA A. DUFFY		1/9/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

RECEIVED